



## HEAT WRAP

### Tech Tip #16-1101



### **EXHAUST WRAP APPROVED BY DOT AS A “HEAT SHIELD”**

Recently, the Capitol District New York Head Mechanics Association hosted what has become their annual “NYSDOT Roundtable.” They had a great showing and valuable information was passed between DOT and School Operators. One issue raised by Rusty Seastrum, was the use of heat wrap in place of “tin” shields especially around fuel tanks. As he stated, the regulations require an 8” distance between exhaust and fuel tanks and most manufacturers use metal shields. These shields often have a short lifespan in the Northeast winter with the chemicals used. He also mentioned that just like any product there are varying grades and to make sure that the higher grade product was used with an 1800\* - 2000\* heat rating.

New York Bus Sales has used the same high quality material for some time and wanted to make sure that everyone was aware we were compliant with the specification mentioned. All pertinent information can be found below.

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Or at the [New York Head Mechanic website](#)

# Specification Sheet

# Product Name: Exhaust Wrap

## Section 1 : Applications

Exhaust wrap is used on exhaust pipes, mufflers, headers, manifolds, mufflers, DPFs. Suitable for use on automotive, motorcycle, genset, diesel, and marine applications.

## Section 2: Features and Benefits

Exhaust Wrap/Tape offers superior insulating properties as well as low chloride content. Will resist most acids and alkalis and will remain unaffected by solvents and bleaches. Exhaust Wrap is woven from multi-ply continuous filament fiberglass yarn providing superior strength and flexibility.

## Section 3: Technical Data

### Temperature Parameters:

Base Fabric Service: **1200°F**

Max Fabric Service: **2000°F <30 sec**

### Physical Characteristics

Fiber content: **Texturized E-Glass**

Treatment: **Vermiculite/Black Vermiculite**

Weave: **Plain**

Color: **Off White or Black**

Thickness: **0.065" (+/- 10%)**

Electrical: **Non Conductive**

Widths: **½" – 6" Standard**

# PART #01444009 is a 2"X 50' roll available through our Parts Department

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## CONTACT OUR SERVICE OR PARTS DEPARTMENT WITH ANY QUESTIONS

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